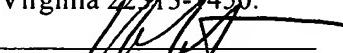


FORM PTO-1390 TRADEMARK OFFICE (REV. 02-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER TAN-113 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107539095
INTERNATIONAL APPLICATION NO. PCT/JP2004/002256		INTERNATIONAL FILING DATE February 26, 2004	PRIORITY DATE CLAIMED March 3, 2003
TITLE OF INVENTION METAL COLLOID AND CATALYST PRODUCED FROM SUCH METAL COLLOID			
APPLICANT(S) FOR DO/EO/US MASAYUKI SAITO			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11 to 20 below concern document(s) or information included:			
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>			

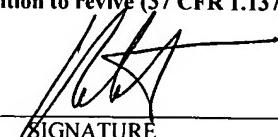
Express Mail mailing label number: ED 312171195US

Date of Deposit: June 15, 2005

I hereby certify that this document, including all attachments, is being deposited with the United States Postal Service "Express Mail-Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above in a postage paid envelope addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450.



Richard S. Roberts
Reg. No. 27,941

U.S. APPLICATION NO. (IF KNOWN; SEE 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/JP2004/002256	ATTORNEY'S DOCKET NUMBER TAN-113	
107539095				
The following fees are submitted:		CALCULATIONS		PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee.....		\$300		\$300.00
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-4).....		\$100		\$200.00
All other situations		\$200		
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....		\$100		\$500.00
International Search Report prepared and provided to the Office.....		\$400		
All other situations.....		\$500		
TOTAL OF 21, 22 and 23 =				\$1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
20 - 100=	0/50=	0	x \$250.00	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	20- 20 =	0	x \$50	\$0.00
Independent claims	3-3 =	0	x \$200	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360		\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$1000.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				
		SUBTOTAL =		\$
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+		\$0.00
		TOTAL NATIONAL FEE =		\$1000.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+		\$40.00
		TOTAL FEES ENCLOSED =		\$1040.00
		Amount to be refunded:		\$
		Amount to be charged:		\$1,040.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>18-1589</u> . A duplicate copy of this sheet is enclosed.				
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO: Richard S. Roberts Roberts & Roberts, LLP P.O. Box 484 Princeton, New Jersey 08542-0484 (609) 921-3500				
 SIGNATURE <u>RICHARD S. ROBERTS</u> NAME				
<u>27.941</u> REGISTRATION NUMBER				
DATED: JUNE 15, 2005				